

2FW

DATE CANCELLED  
JUN 18 2004  
O I P E  
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Michael J. Antab

Attorney Docket No.: UOHIP006D1

Application No.: 10/815,581

Examiner: Not Assigned

Filed: May 31, 2004

Group: Not Assigned

Title: PROCESS FOR FLASH  
CARBONIZATION OF BIOMASS

JUN 21 2004  
O I P E  
PATENT & TRADEMARK OFFICE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on June 17, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Tara Hayden

INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. The above-identified application is a divisional of prior application U.S. Patent Application No. 10/152,276. This prior application is being relied upon for an earlier filing date under 35 U.S.C. § 120. Because the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure

Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. UOHIP006D1).

Respectfully submitted,

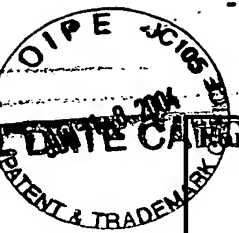
BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to read "Reginald J. Suyat", written in a cursive style.

Reginald J. Suyat

Registration No. 28,172

P.O. Box 778  
Berkeley, CA 94704-0778



<b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. UOHIP006D1	Application No.: 10/815,581
	Applicant: Michael J. Antal, Jr. Filing Date May 31, 2004	Group Not yet assigned

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	4,530,702	07.23.85	Fetters et al.			
	B	5,435,983	07.25.95	Antel, Jr.			
	C	5,551,958	09.03.96	Antel, Jr.			

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	D	Antal, M. J.; Varhegyi, U. Cellulose Pyrolysis Kinetics: the Current State of Knowledge. Ind. Eng. Chem. Res. 1995, 34, 703.
	E	Antal, M. J., Jr.; Varhegyi, U.; Jakab, E. Cellulose Pyrolysis Kinetics: Revisited. Ind. Eng. Chem. Res. 1998, 37, 1267.
	F	Smith, K. R.; Pennise, D. M.; Khummongkol, P.; Chaiwong, V.; Ritgeen, K.; Zhang, J.; Panyathanya, W.; Rasmussen, R. A.; Khalil, M. A. K. Greenhouse Gases from Small-Scale Combustion Devices in Developing Countries: Charcoal-Making Kilns in Thailand. EPA-600/R-99-109, Office of Air and Radiation and Policy and Program Evaluation Div.: Washington, DC, 1999.
	G	Antal, M. J.; Allen, S. U.; Dai, X.; Shimizu, I.; I am, M. S.; Uronh, M. U. Attainment of the theoretical yield of carbon from biomass. Ind. Eng. Chem. Res. 2000, 39, 4024.
	H	Antal, M. J.; Croiset, E.; Dai, X. k.; DeAlmeida, C.; Mok, W. S. L.; Norberg, N.; Richard, J. R.; Majthoub, M. A. High-Yield Biomass Charcoal. Energy Fuels 1996, 10, 652.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

X Did not receive any NPL